

# Comparisons of Job Characteristics

**Focus Occupation:** [First-Line Supervisors of Production and Operating Workers \(51-1011\)](#)

**Associated Occupation:** [Layout Workers, Metal and Plastic \(51-4192\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 52

**Focus Occupation:** First-Line Supervisors of Production and Operating Workers (51-1011)

**Associated Occupation:** Layout Workers, Metal and Plastic (51-4192)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Mechanical	6.8	15.1	10.9	<<	Extensive education and/or training may be required
Mathematics	9.2	14.7	10.6	<<	Extensive education and/or training may be required
Design	5.2	12.8	6.5	<<	Extensive education and/or training may be required
Building and Construction	4.0	12.6	2.6	<<	Extensive education and/or training may be required
Production and Processing	6.0	10.2	17.4	>>	Current knowledge level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 65

**Focus Occupation:** First-Line Supervisors of Production and Operating Workers (51-1011)

**Associated Occupation:** Layout Workers, Metal and Plastic (51-4192)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Quality Control Analysis	5.9	7.5	8.2	0	Current skill level may be sufficient
Equipment Selection	3.3	6.0	3.6	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Abilities

Similarity of Focus Occupation to Associated Occupation: 72

**Focus Occupation: First-Line Supervisors of Production and Operating Workers (51-1011)**

**Associated Occupation: Layout Workers, Metal and Plastic (51-4192)**

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Near Vision	11.1	12.5	10.2	<	Some improvement in abilities may be required
Visualization	7.5	11.5	8.1	<<	Extensive improvement in abilities may be required
Arm-Hand Steadiness	6.8	10.4	6.4	<<	Extensive improvement in abilities may be required
Information Ordering	9.9	10.2	9.7	0	Current ability level may be sufficient
Problem Sensitivity	11.1	10.1	12.1	>	Current ability level is likely sufficient
Oral Comprehension	12.5	9.7	13.3	>>	Current ability level is likely more than sufficient
Oral Expression	12.4	9.5	14.0	>>	Current ability level is likely more than sufficient
Manual Dexterity	6.5	9.4	6.0	<<	Extensive improvement in abilities may be required
Auditory Attention	5.9	8.2	6.0	<<	Extensive improvement in abilities may be required
Extent Flexibility	4.8	7.9	3.4	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 74

**Focus Occupation: First-Line Supervisors of Production and Operating Workers (51-1011)**

**Associated Occupation: Layout Workers, Metal and Plastic (51-4192)**

Work Activities	Exclusivity of Activity
Compute production, construction, or installation specifications	58
Examine products or work to verify conformance to specifications	15
Read blueprints	10
Read technical drawings	7
Understand technical operating, service or repair manuals	6

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: n/a

<b>Focus Occupation: First-Line Supervisors of Production and Operating Workers (51-1011)</b> <b>Associated Occupation: Layout Workers, Metal and Plastic (51-4192)</b>
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<b>Tools and Technologies</b>	<b>Exclusivity</b>
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Tools and technology data is unavailable for one or both occupations.
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Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.